

Notice of Allowability

Application No.

09/852,829

Applicant(s)

LOWE ET AL.

Examiner

Art Unit

Cam Y T. Truong

2162

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 11/29/2005.
2. ☒ The allowed claim(s) is/are 1,2,4-8,10-13 and 15-17.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

DETAILED ACTION

1. Applicant has amended claims 1, 6, 7, 12 and claim 17 in the amendment filed on 11/29/2005.

Claims 1-17 are pending in this Office Action.

Specification

2. Filed specification on 5/23/2005 is accepted.
3. Filed drawings on 8/13/2005 is accepted.

EXAMINER'S AMENDMENT

4. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Attorney Betty Formby on 12/5/2005.

Please replace claims 1, 6, 7, 12 and 17 with claims 1, 6, 7, 12 and 17.

Please cancel claims 3, 9 and 14.

1. (Currently amended) A method for building a search query in a data processing system having a graphical user interface, comprising the computer-implemented steps of:

receiving a request to run a query and an attribute identification;

receiving a representative graphical user interface object by a find function;

determining whether said representative graphical user interface object has been dragged into a template search folder after receiving said request to run a query, said attribute identification, and said representative graphical user interface object;

response to a determination that said representative graphical user interface object has been dragged into said template folder, receiving a user input from an input device;

responsive to said user input, dropping a graphical component representing a first system object onto a graphical component representing a query function, wherein said first system object contains an attribute to create a search query;

presenting a set of attributes of the first system object;

receiving a user selection of at least one attribute in the set of attributes to create a selected set of attributes;

receiving query instructions after receiving said user selection of the at least one attribute;

responsive to receiving said user selection and receiving said query instructions, creating a search query from the selected set of attributes;

running the created search query to obtain query results of objects; and

returning the query results of objects to a results folder.

6. (Currently amended) A system for building a search query in a data processing system having a graphical user interface, comprising:

a bus system;

an input device connected to the bus system;

a memory connected to the bus system, wherein the memory includes a set of instructions; and

a processing unit connected to the bus system,

wherein the processing unit receives a request to run a query and an attribute identification;

the processing unit receives a representative graphical user interface object by a find function;

the processing unit determines whether said representative graphical user interface object has been dragged into a template search folder after receiving said request to run a query, said attribute identification, and said representative graphical user interface object,

the processing unit responds to a determination that said representative graphical user interface object has been dragged into said template search folder and receives a user input from the input device;

the processing unit, responsive to receiving user input from the input device, executes the set of instructions to drop a graphical component representing a first

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system object onto a graphical component representing a query function, wherein said first system object contains an attribute to create the search query,

the processing unit presents a set of attributes of the first system object,

the processing unit receives a user selection of at least one attribute in the set of attributes to create a selected set of attributes,

the processing unit receives query instructions after receiving said user selection of the at least one attribute;

the processing unit constructs a search query in response to receiving said user selection and receiving query instructions;

the processing unit runs the constructed search query to obtain query results of objects; and the processing unit returns the query results of objects to a results folder.

7. (Currently amended) A system for building a search query in a data processing system having a graphical user interface, comprising:

means for receiving a request to run a query and an attribute identification;

means for receiving a representation graphical user interface object by a find function;

means for determining whether said representative graphical user interface object has been dragged into a template search folder after receiving said request to run a query, said attribute identification, and said representative graphical user interface object,

means for receiving a user input from the input device responsive to a determination that said representative graphical user interface object has been dragged into said template search folder;

means, responsive to the user input, for dropping a graphical component representing a first system object onto a graphical component representing a query function, wherein said first system object contains an attribute to create a search query;

means for presenting a set of attributes of the first system object;

means for receiving a user selection of at least one attribute in the set of attributes to create a selected set of attributes; and

means for receiving query instructions after receiving said user selection of the at least one attribute;

means for constructing a search query using the received query instructions and the received user selection;

means for running the constructed search query to obtain query results of objects; and returning means for returning the query results of objects to a result folder.

12. (Currently amended) A computer program product in a computer readable medium for building a search query in a data processing system having a graphical user interface, comprising:

instructions for receiving a request to run a query and an attribute identification;

instructions for receiving a representative graphical user interface object by a find function;

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instructions for determining whether said representative graphical user interface object has been dragged into a template search folder after receiving said request to run a query, said attribute identification, and said representative graphical user interface object,

instructions for receiving, responsive to a determination that said representative graphical user interface object has been dragged into said template search folder, a user input from an input device;

instructions, responsive to user input, for dropping a graphical component representing a first system object onto a graphical component representing a query function, wherein said first system object contains an attribute to create a search query;

instructions for presenting a set of attributes of the first system object;

instructions for receiving a user selection of at least one attribute in the set of attributes to create a selected set of attributes,

instructions for receiving query instructions after receiving said user selection of the at least one attribute, and

instructions for creating a search query using the received query instructions and the received user selection;

instructions for running the created search query to obtain query results of objects; and instructions for returning the query results of objects to a results folder.

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17. (Currently amended) A method in a data processing system for building a search query, the method comprising the computer-implemented steps:

- receiving a request to run a query and a property identification;

- receiving a representative graphical user interface object by a find function;

- after receiving said request to run a query, said property identification, and said representative graphical user interface object, determining whether said representative graphical user interface object has been dragged into a template search folder;

- responsive to a determination that said representative graphical user interface object has been dragged into said template search folder, receiving a selection of said representative graphical user object, wherein said representative graphical user interface object contains an property to create a search query;

- responsive to said selection of said representative graphical user interface object, displaying a set of properties for said representative graphical user interface object;

- receiving a selection of at least one of said set of properties for said representative graphical user interface object that form selected properties;

- responsive to receiving said selected properties, receiving query instructions;

- constructing a search query using the received query instructions;

- running the constructed search query to obtain query results of objects; and

- returning the query results of objects to a results folder.

Allowable Subject Matter

5. Claims 1-2, 4, 5-8, 10, 11-13, 15-17 are allowed.

The prior art of record, alone or in combination, does not teach or fairly suggest the combination of steps as recited in independent claim 1, “determining whether said representative graphical user interface object has been dragged into a template search folder after receiving said request to run a query, said attribute identification, and said representative graphical user interface object; receiving a user selection of at least one attribute in the set of attributes to create a selected set of attributes; receiving query instructions after receiving said user selection of the at least one attribute; responsive to receiving said user selection and receiving said query instructions, creating a search query from the selected set of attributes; running the created search query to obtain query results of objects; and returning the query results of objects to a results folder”;

The prior art of record, alone or in combination, does not teach or fairly suggest the combination of steps as recited in independent claim 6, wherein “the processing unit determines whether said representative graphical user interface object has been dragged into a template search folder after receiving said request to run a query, said attribute identification, and said representative graphic user interface object; the processing unit receives a user selection of at least one attribute in the set of attributes to create a selected set of attributes, the processing unit receives query instructions after receiving said user selection of the at least one attribute; the processing unit constructs a search query in response to receiving said user selection and receiving

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query instructions; the processing unit runs the constructed search query to obtain query results of objects; and the processing unit returns the query results of objects to a results folder.

The prior art of record, alone or in combination, does not teach or fairly suggest the combination of steps as recited in independent claim 7, wherein “determining means for determining whether said representative graphical user interface object has been dragged into a template search folder after receiving said request to run a query, said attribute identification, and said representative graphical user interface object, means for presenting a set of attributes of the first system object; means for receiving a user selection of at least one attribute in the set of attributes to create a selected set of attributes; and means for receiving query instructions after receiving said user selection of the at least one attribute; means for constructing the search query using the received query instructions and the received user selection; means for running the constructed search query to obtain query results of objects; and returning means for returning the query results of objects to a result folder.

The prior art of record, alone or in combination, does not teach or fairly suggest the combination of steps as recited in independent claim 12, wherein “instructions for determining whether said representative graphical user interface object has been dragged into a template search folder after receiving said request to run a query, said attribute identification, and said representative graphical user interface object, instructions for presenting a set of attributes of the first system object; instructions for receiving a user selection of at least one attribute in the set of attributes to create a

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selected set of attributes, instructions for receiving query instructions after receiving said user selection of the at least one attribute, and instructions for creating a search query using the received query instructions and the received user selection; instructions for running the created search query to obtain query results of objects; and instructions for returning the query results of objects to a results folder"; and

The prior art of record, alone or in combination, does not teach or fairly suggest the combination of steps as recited in independent claim 17, wherein "after receiving said request to run a query, said property identification, and said representative graphical user interface object, determining whether said representative graphical user interface object has been dragged into a template search folder; responsive to receiving said selected properties, constructing a search query using the received query instructions; running the constructed search query to obtain query results of objects; and returning the query results of objects to a results folder."

Contact Information

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cam Y T. Truong whose telephone number is (571) 272-4042. The examiner can normally be reached on Monday to Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Breene can be reached on (571) 272-4107. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Cam Y T Truong
Examiner
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